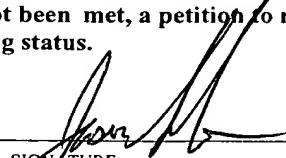


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 10-2000)		ATTORNEY'S DOCKET NUMBER <u>7024-497PUR115</u>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/US99/17702	INTERNATIONAL FILING DATE August 4, 1999	PRIORITY DATE CLAIMED August 4, 1998 and December 15, 1998
TITLE OF INVENTION PSEUDOTYPED RETROVIRUSES AND STABLE CELL LINES FOR THEIR PRODUCTION		
APPLICANT(S) FOR DO/EO/US David A. SANDERS, Richard John KUHN, Scott A. JEFFERS, Curtis Matthew SHARKEY, Cynthia Lin NORTH and Michael A. Fischbach		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> has been communicated by the International Bureau.        c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Ofice (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19(35 U.S.C. 371(c)(3))        a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> have been communicated by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). unsigned</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 16 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.  <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information:        A. Request        B. PCT/18/306 (z)        C. International Publication (without Search Rpt)        D. International Publication (with Search Rpt)        E. International Publication (corrected copy - with Search Rpt)        F. PCT/18/402        G. PCT/18/332, 304, 308        H. International Preliminary Examination Rpt        I. Notification of Change in Address of Applicant</p>		
<p>Express Mail Label No.: EL414479358US        Date of Deposit: <u>02 FEBRUARY 2001</u>        I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.  <u>Andrea S. W. Correll</u>        Signature of person mailing paper or fee</p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/US99/17702	ATTORNEY'S DOCKET NUMBER 7024-497 PUR115
09/762224		CALCULATIONS PTO USE ONLY	
17. <input checked="" type="checkbox"/> The following fees are submitted:			
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b>			
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . . \$1000.00			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO. . . . . \$860.00			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . \$710.00			
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . . \$690.00			
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) . . . . . \$100.00			
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 100 <sup>00</sup>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	55 - 20 =	35	X \$18.00 \$ 630
Independent claims	17 - 3 =	14	X \$80.00 \$ 1120
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$270.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 1850 -	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$	
<b>SUBTOTAL =</b>		\$ 925	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$	
<b>TOTAL NATIONAL FEE =</b>		\$ 925	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	
<b>TOTAL FEES ENCLOSED =</b>		\$ 925 <sup>00</sup>	
		Amount to be refunded:	\$
		charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 925<sup>00</sup> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3030. A duplicate copy of this sheet is enclosed.</p>			
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>			
<p>SEND ALL CORRESPONDENCE TO:        Jason J. Schwartz        WOODARD, EMHARDT, NAUGHTON, MORIARTY &amp; MCNETT        Bank One Center/Tower, Suite 3700        111 Monument Circle        Indianapolis, Indiana 46204 US</p>			
 SIGNATURE: Jason J. Schwartz			
NAME _____ #43,910 REGISTRATION NUMBER _____			

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT application of )  
PURDUE RESEARCH FOUNDATION )  
et al. )  
) )  
International Application )  
Number PCT/US99/17702 ) Mailing Date  
) 31 January 2001  
International Filing Date )  
04 August 1999 ) Agent's File  
) Reference:  
Title of Invention ) 7024403  
PSEUDOTYPED RETROVIRUSES AND )  
STABLE CELL LINES FOR THEIR )  
PRODUCTION )

NOTIFICATION OF CHANGE IN THE ADDRESS  
OF APPLICANT

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

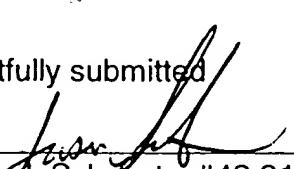
Attn: RO/US

Dear Sir:

Enclosed herewith is page 1 of the PCT Request, reflecting a change in the address of the applicant Purdue Research Foundation. Please record this change and notify all necessary offices of the same.

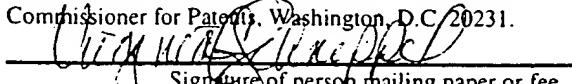
Respectfully submitted

By

  
Jason J. Schwartz, #43,910  
Woodard, Emhardt, Naughton,  
Moriarty & McNett  
Bank One Center/Tower, Suite 3700  
111 Monument Circle  
Indianapolis, Indiana 46204 US  
(317) 634-3456

"Express Mail" label number EL414479684US  
Date of Deposit 31 January 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Signature of person mailing paper or fee

Enclosure: Page 1 of Request  
cc: WIPO/IB, IPEA/US

## REQUEST

International Application No.

International Filing Date

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum)

7024403

**Box No. I TITLE OF INVENTION** PSEUDOTYPED RETROVIRUSES AND STABLE CELL LINES FOR THEIR PRODUCTION
**Box No. II APPLICANT**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

PURDUE RESEARCH FOUNDATION  
Office of Technology Commercialization  
1291 Cumberland Avenue  
West Lafayette, Indiana 47906 US

 This person is also inventor.Telephone No.  
765-494-2610

Facsimile No.

Teleprinter No.

State (that is, country) of nationality:  
USState (that is, country) of residence:  
USThis person is applicant  all designated  all designated States except  the United States of America  of America only  the States indicated in the Supplemental Box**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

SANDERS, David A.  
324 Jefferson Drive  
West Lafayette, Indiana 47906 US

This person is:

 applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)State (that is, country) of nationality:  
USState (that is, country) of residence:  
USThis person is applicant  all designated  all designated States except  the United States of America  the States indicated in the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet.**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

 agent common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

SCHWARTZ, Jason J.  
WOODARD, EMHARDT, NAUGHTON, MORIARTY & MCNETT  
Bank One Center/Tower, Suite 3700  
111 Monument Circle  
Indianapolis, Indiana 46204 US

Telephone No.

317-634-3456

Facsimile No.

317-637-7561

Teleprinter No.

810-341-3283

SEE CONTINUATION TO BOX NO. IV ON SHEET NO. 5

 Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.